

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) An image processing device comprising:
a color-gamut determining part for determining a color gamut as a range of color distribution from input image data;~~data input from an input part;~~
a color-space determining part for determining a color space substantially containing the color gamut determined by said color-gamut determining part; and
a color-space conversion part for converting the input image data into image data which is rendered in the determined color ~~space~~space and for transmitting a converted image data and information on the color space determined by said color-space determining part as information corresponding to the converted image data.
2. (Original) The image processing device according to claim 1, wherein:
said color-gamut determining part divides the input image data into a plurality of image regions and calculates a hue and a chroma for each of the image regions to determine a maximum chroma for each of hues calculated; and
said color-space determining part selects a smallest color space from color spaces each having a maximum chroma equal to or higher than that of the input image data in all of the hues calculated by said color-gamut determining part.
3. (Canceled)
4. (Original) The image processing device according to claim 1, wherein:
said color-gamut determining part maps the input image data onto a chromaticity diagram; and

said color-space determining part selects a smallest color space from color spaces each containing a predetermined percentage or more of the color gamut of the input image data on said chromaticity diagram.

5-6. (Canceled)

7. (Original) An electronic camera comprising:

an image-capturing part for capturing an optical image formed with a shooting lens to create image data; and

the image processing device according to claim 1, for determining a range of color distribution of the created image data to determine a color space, and converting the created image data into image data which is rendered in the determined color space.

8. (Currently Amended) ~~An~~ A computer readable recording medium recording a image processing program for causing a computer to function as said color-gamut determining part, said color-space determining part, and said color-space conversion part according to claim 1.

9. (Currently Amended) ~~An~~ A computer readable recording medium recording a image processing program for causing a computer to function as said color-gamut determining part, said color-space determining part, and said color-space conversion part according to claim 2.

10. (Canceled)

11. (Currently Amended) ~~An~~ A computer readable recording medium recording a image processing program for causing a computer to function as said color-gamut determining part, said color-space determining part, and said color-space conversion part according to claim 4.

12-13. (Canceled)

14. (New) The electronic camera according to claim 7, wherein

said color-space conversion part performs a color correction of imaging condition when converting the input image data into image data which is rendered in the determined color space.

Amendments to the Drawings:

The attached replacement drawing sheet makes changes to Fig. 6 and replaces the original sheet with Fig. 6.

Attachment: Replacement Sheet